

What is claimed is:

1 1. A flat panel displaying apparatus, comprising:
2 a liquid crystal display module displaying a picture;
3 a chassis surrounding edges of said liquid crystal display module, defining an external
4 appearance of said flat panel displaying apparatus;
5 a printed circuit board provided with a connector connected to an external system by a
6 connection cable, said printed circuit board being grounded to said chassis;
7 a liquid crystal display controller provided in said printed circuit board, said liquid crystal
8 display controller activating said liquid crystal display module;
9 a ground portion formed around said liquid crystal display controller; and
10 a reinforcement connector connected to said ground portion and supporting the ground of
11 said printed circuit board.

1 2. The flat panel displaying apparatus according to claim 1, with said reinforcement
2 connector being connected to said connection cable.

1 3. The flat panel displaying apparatus according to claim 2, with said reinforcement
2 connector comprising:
3 a connector body formed with a housing portion receiving said connection cable;
4 a cover provided in said connector body, opening and closing said housing portion, to fasten

5 said connection cable in said housing portion; and

6 a ground contact provided in said housing portion of said connector body, said ground
7 contact connected to said connection cable and said ground portion of said printed circuit board.

1 4. The flat panel displaying apparatus according to claim 1, further comprising a second
2 ground portion formed adjacent to signal lines of said printed circuit board, said second ground
3 portion being connected to said ground portion through a plurality of holes, said second ground
4 portion being connected to said chassis.

5 5. The flat panel displaying apparatus according to claim 4, further comprising a second
reinforcement connector connected to said connection cable, said second reinforcement connector
supporting a ground of said printed circuit board.

6 6. The flat panel displaying apparatus according to claim 5, with said reinforcement
connector and said second reinforcement connector being on opposite sides of said connector
3 coupling with said connection cable, said connector receiving data signals from said external system
4 to said printed circuit board.

1 7. The flat panel displaying apparatus according to claim 5, with said second
2 reinforcement connector being connected with said ground portion.

1 8. The flat panel displaying apparatus according to claim 1, with said connector having
2 a ground pin connected with said ground contact accommodating said connector to be grounded
3 through said ground portion around said controller.

1 9. A displaying apparatus, comprising:
2 a chassis surrounding edges of a display module, defining an external appearance of said
3 displaying apparatus;
4 a printed circuit board provided with a connector connected to an external system by a
5 connection cable, said printed circuit board being grounded to said chassis;
6 a display controller provided in said printed circuit board, said display controller activating
7 a display module, said display module displaying a picture;
8 a ground portion formed around said display controller; and
9 a reinforcement connector connected to said ground portion and supporting the ground of
10 said printed circuit board.

1 10. The displaying apparatus according to claim 9, with said reinforcement connector
2 being connected to said connection cable.

1 11. The displaying apparatus according to claim 10, with said reinforcement connector
2 comprising:
3 a connector body formed with a housing portion receiving said connection cable;

4 a cover provided in said connector body, opening and closing said housing portion, to fasten
5 said connection cable in said housing portion; and

6 a ground contact provided in said housing portion of said connector body, said ground
7 contact connected to said connection cable and said ground portion of said printed circuit board.

1 12. The displaying apparatus according to claim 9, further comprising a second ground
2 portion formed adjacent to said ground portion of said printed circuit board, said second ground
3 portion being connected to said ground portion through a plurality of holes, said second ground
4 portion being connected to said chassis through a secured conducting plate.

1 13. The displaying apparatus according to claim 9, further comprising a second
2 reinforcement connector connected to said connection cable, said second reinforcement connector
3 supporting a ground of said printed circuit board.

1 14. The displaying apparatus according to claim 13, with said reinforcement connector
2 and said second reinforcement connector being on opposite sides of said connector coupling with
3 said connection cable, said connector receiving data signals from said external system to said printed
4 circuit board.

1 15. The displaying apparatus according to claim 13, with said second reinforcement
2 connector being connected with said ground portion.

1 16. The displaying apparatus according to claim 9, with said connector having a ground
2 pin connected with said ground contact accommodating said connector to be grounded through said
3 ground portion around said controller.

1 17. A method, comprising:
2 lifting a cover of a reinforcement connector disposed adjacent to a connector of a liquid
3 crystal display, said reinforcement connector being connected to a ground portion, said ground
4 portion formed around a controller provided on a printed circuit board of said liquid crystal display,
5 said controller driving said liquid crystal display to display variable video, said printed circuit board
6 being grounded to a chassis of said liquid crystal display;
7 inserting a connection cable having a ground pin into an inside housing portion of said
8 reinforcement connector below said cover, a portion of said connection cable being connected to
9 said connector to transmit data signals from an external system;
10 moving said cover downward to close a housing portion of said reinforcement connector;
11 and
12 engaging a ground contact of said reinforcement connector with said ground pin of said
13 connection cable, said ground contact being connected with said ground portion formed around said
14 controller, said reinforcement connector supporting the ground of said printed circuit board.

1 18. The method according to claim 17, with said ground contact of said reinforcement

connector being connected to a ground pin of said connector accommodating said connector to be grounded through said ground portion around said controller.

19. The method according to claim 18, further comprising a second reinforcement connector connected to said connection cable, said second reinforcement connector supporting a ground of said printed circuit board.

20. The method according to claim 19, with said reinforcement connector and said second reinforcement connector being on opposite sides of said connector coupling with said connection cable, said connector receiving data signals from said external system to said printed circuit board.